

**HEAT FLOW REGULATING COVER
FOR AN ELECTRICAL STORAGE CELL**

ABSTRACT OF THE DISCLOSURE

5 A temperature regulating cover for use on an
electrical energy storage cell that may produce heat
at a hot spot during a short circuit condition. The
cover includes a first layer of thermally conductive
material that is shaped to conform to an outer
10 surface of the electrical energy storage cell and
spreads heat from the hot spot over surface area that
is larger than the hot spot. The cover also includes
a second layer of thermally insulating material that
is shaped to conform to an outer surface of the first
15 layer and that retards heat flow to an outer surface
of the second layer.